## SUB SYSTEMS: DUALS

| | | | | | | | | | | | | | | | | | | | | Model Designator | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Power Supply | | Power | Input | Conversion | Accuracy | | Differential | | Full Scale | | Zero | | Bipolar | | | | | Temperature | | | | |
| | | Requirements | | Down | Voltage | Rate | or Linearity | | Linearity | | Error | | Error | | Zero Error | | Voltage | | Tristate | I/O | Range | | | # | Starting |
| | # | Min | +Icc | Iq | Range | | Lsb's | | Lsb's | | Lsb's | | Lsb's | | Lsb's | | Reference | | Output | | -25 | -40 | -55 | of | Price |
| MODEL | Bits | +Vcc | mA | uA | | MSPS | +25C | Tmax | +25C | Tmax | +25C | Tmax | +25C | Tmax | +25C | Tmax | INT | EXT | Latches | | 85 | 85 | 125 | Pins | /100's |
| AD9066 | 6 | +5V | 120 | | 500mV | 60 | 1 | | 1/2 | 2 | | | | | | | +2V | | 2 P6 | J | | A | | 28 | $5.40 |
| AD9058 | 8 | +5V | 154 | | +2V | 50 | 1.3 | 1.4 | 0.65 | 0.8 | 2 | 3 /1/2 | | | 3 | 4 /1/2 | | +2V | NO | 2 P8 | J | | | 44 | $33.50 |
| AD9058 | 8 | -5V | 38 | | | | 1 | 1 1/4 | 1/2 | 0.7 | | | | | | | | | | | K | | T | | $65.84 |
| AD9059 | 8 | +5V | 107 | | 1Vpp | 60 | 2 | 2 1/2 | 2 | 2 1/2 | 15 | 20 | 4 | 6 | | | +2.5V | | 2 P8 | | | X | | 20 | $16.48 |
| AD9281 | 8 | +5V | 58 | | 0>Vdd | 20 | 1 | | 1/2 | | TBD | | TBD | | | | PRGM | | P8 | | | | | | $12.00 |
| AD9201 | 10 | +3V | 58 | | 0>Vdd | 20 | 1 | | 1/2 | | TBD | | TBD | | | | PRGM | | P10 | | | | | | $24.95 |
| AD7862 | 12 | +5V | 15 | 25 | 0>2.5 ±2.5,±10 | 0.25 | 1 | 1 | 1 | 1 | 4 | 4 | 4 | 4 | 4 | 4 | +2.5V | | Yes | P12 | | A | S | 28 | $12.95 |
| AD7862 | 12 | | | | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | | | Yes | P12 | | B | | | $16.85 |
| AD7863 | 14 | +5V | 15 | 1 | 0>2.5 ±2.5,±10 | 200 | 2 | 2 | 1 | 1 | 4 | 4 | 4 | 4 | 4 | 4 | +2.5V | | | P14 | | A | | 28 | $18.00 |
| AD7863 | 14 | | | | | | 1 | 1 | | | | | | | | | | | | | | B | | | tbd |
| **Hybrid, with 2 AD9042, w/INPUT SINGAL CONDITIONING, OUTPUT BUFFERING** | | | | | | | | | | | | | | | | | | | | | | | | | |
| AD10242 | 12 | +5V | 285 | | +/-0.5/1/2 | 41 | NS | | NS | | 1%FS | 1.5%FS | NA | | 0.5%FS | 1.5%FS | +2.5V | | NO | P12 | | B | T | 68 | $600.00 |
| AD10242 | 12 | -5V | 55 | | | | | | | | | | | | | | | | | | | | | | |